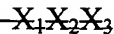


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-15. (Cancelled)

16. (Currently amended) A method for determining the reactivity of a subject to IDDM autoantigen, comprising 1) contacting T-cells derived from the subject with a peptide comprising the formula:



wherein:

~~X₁ and X₃ may be the same or different and each is an amino acid sequence comprising from 0 to 15 naturally or non-naturally occurring amino acid residues;~~ X₂ is FFYTPKTRREAED (SEQ ID NO: 1), and 2) measuring the reactivity of said T-cells to said peptide by an appropriate assay thereby determining the reactivity of said subject to IDDM autoantigen.

17. (Previously presented) A method according to claim 16 wherein the T-cells are isolated from samples selected from the group consisting of PBMCs, anti-coagulated whole blood and tissue biopsy cells.

18. (Previously presented) A method according to claim 16 or 17 wherein an appropriate assay includes a proliferation assay, cytotoxic assays, cellular reactivity or a combination thereof.

19-42. (Cancelled)